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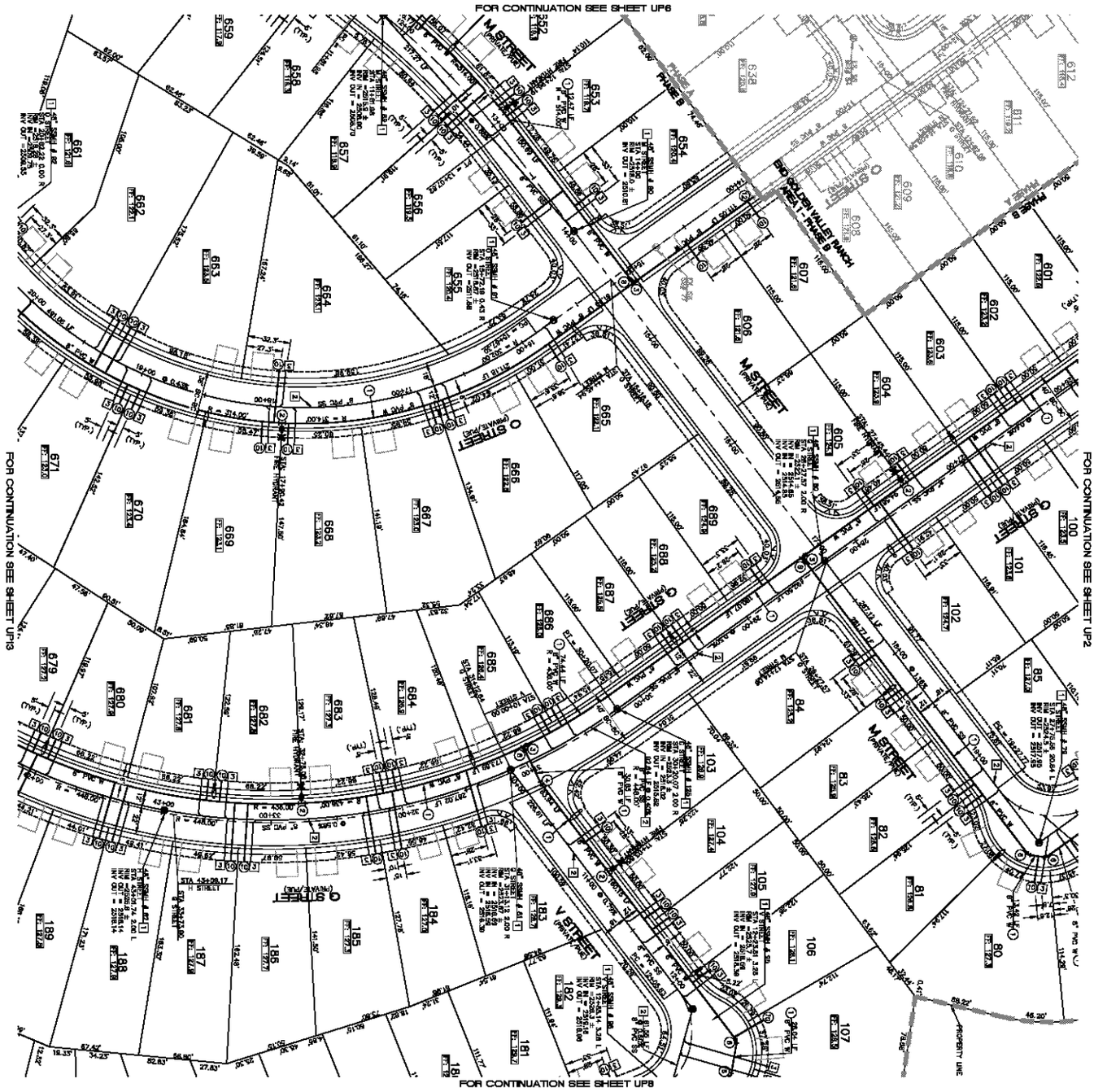


BASIS OF BEARINGS

NORTH 00°13'36" EAST - THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 02, TOWNSHIP 20 NORTH, RANGE 19 WEST, SLB & M, MOHAVE COUNTY, ARIZONA, AS SHOWN ON THE RECORD OF SURVEY PREPARED BY THE ARIZONA COORDINATE SYSTEM OF 1983, (ACRS-MC), WEST ZONE, INTERNATIONAL FOOT (FT.), UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "SD 32" = LATITUDE 35°09'22.7003"N, (NAD 83)
LONGITUDE 114°32'13.5724"W (NAD 83)
HEIGHT 2502.14(NAVD88) (NAVD 88)

STONE 1/4 COR 3/2 = LATITUDE 35°09'22.7003"N, (NAD 83)
LONGITUDE 114°32'13.2298"W (NAD 83)
HEIGHT 2488.30(NAVD 88) (NAVD'88)

BENCHMARK

BENCHMARK: 4" DIA. M.C.S.D.
ELEVATION= 2592.24(29.1 FT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. BA FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.18 W. AND THE INTERSECTION OF SHIVAKUMP DR. AND HOPE RD., STAMPED "SD 34 1989 R.S. 10342"

SEWER CONSTRUCTION NOTES

1. INSTALL 48" DIAMETER MANHOLE PER M.A.G.S.D. STANDARD DETAIL 420
2. INSTALL 8" PVC SDR-35 SEWER MAIN
3. INSTALL 4" PVC SEWER LATERAL PER M.A.G.S.D. STANDARD DETAIL NOS. 440-1 AND 440-4
4. INSTALL 8" PVC SEWER STUB & CAP
5. REMOVE CAP AND CONNECT TO EXISTING SANITARY SEWER

WATER CONSTRUCTION NOTES

1. INSTALL 6" PVC PIPE CLASS 150 MEETING AWWA C-900 REQUIREMENTS
2. INSTALL FIRE HYDRANT ASSEMBLY PER M.A.G.S.D. STANDARD DETAIL NO. 360
3. INSTALL 8" GATE VALVE & VALVES
4. INSTALL 22.5° BEND
5. INSTALL 11.25° BEND
6. INSTALL 45° BEND
7. INSTALL 8"x 8"x 8" TEE
8. INSTALL 8"x 8"x 8"x 8" CROSS
9. INSTALL 1" WATER LATERAL W 3/4" WATER METER, SEE DTL
10. 6" CAP W/ BLOW-OFF PER M.A.G.S.D. STANDARD DETAIL NO. 380
11. REMOVE EXISTING CAP & CONNECT TO EXIST. 8" WATER LINE

NOTE: ALL NOTES NOT USED ON ALL SHEETS.

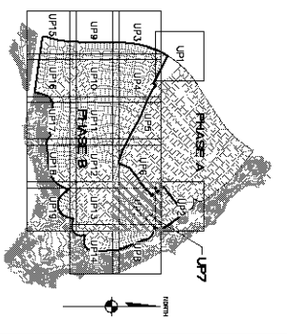
GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

NORTH

KEYMAP

N.T.S.



LEGEND

120	LOT NUMBER
	RIGHT OF WAY
	SUBDIVISION/UNIT BOUNDRY
	STREET LIGHT (100W HPS)
	NO. 3-1/2" PULL BOX
	SERVICE PEDESTAL
P.U.E.	PUBLIC UTILITY EASEMENT
C.E.	COMMON ELEMENT

WATER

- WATER MAIN
- 3/4" WATER METER W/ 1" COPPER WATER LATERAL
- FIRE HYDRANT ASSEMBLY
- TEE W/VALVE
- 2" BLOWOFF ASSEMBLY
- GATE VALVE OR BUTTERFLY VALVE 11 1/4°, 22 1/2°, 45°, 90° BEND

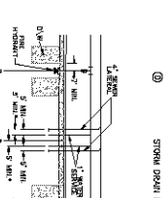
SEWER

- SANITARY SEWER MANHOLE
- SANITARY SEWER MAIN
- 4" PVC SEWER LATERAL
- EXISTING SANITARY SEWER MAINLINE PER PHASE A IMPROVEMENT PLANS BY S.C.I.
- EXISTING SANITARY SEWER MAINLINE PER PHASE A IMPROVEMENT PLANS BY S.C.I.
- PROPOSED SANITARY SEWER MAINLINE PER PHASE A IMPROVEMENT PLANS BY S.C.I.
- STUB AND CAP
- SEWER BACK WATER VALVE

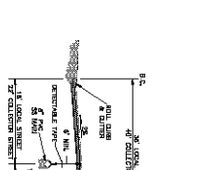
STORM DRAIN

- STORM DRAIN PIPE
- STORM DRAIN INLET
- STORM DRAIN MANHOLE

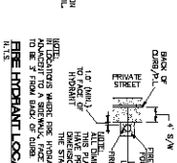
TYPICAL WATER AND SS LATERALS



TYPICAL WATER AND SS MAIN LINE SECTION

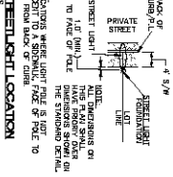


FIRE HYDRANT LOCATION



NOTE: LOCATIONS WHERE FIRE HYDRANT IS NOT TO BE 3' FROM BACK OF CURB.

STREET LIGHT LOCATION



NOTE: LOCATIONS WHERE LIGHT POLE IS NOT TO BE 3' FROM BACK OF CURB.

PRELIMINARY ISSUE FOR REVIEW NOT FOR CONSTRUCTION 4-12-06

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY UTILITIES THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES SHOWN IN THEIR PROPER LOCATIONS.

Arizona Blue Stake, Inc. — Call before you Dig — 1-800-782-5348 (1-800-STAKE-IT)

Nevada One Call — Call before you Dig — Overhead Underground — 1-800-227-2600 (702-258-3182) — 1-800-782-5348 (1-800-STAKE-IT)

	SHEET UP7	RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH AREA 1 - PHASE B UTILITY PLAN 7 MOHAVE COUNTY ARIZONA	Stanley Consultants INC. 5820 S. Eastern Avenue, Suite 200 Las Vegas, Nevada 89119 (702) 369-6396 Fax (702) 369-9793 www.stanleygroup.com	SCALE (H) 1" = 40' SCALE (V) NONE DRAWN BY CD/RM CHECKED BY SH/DB DATE 4-12-06	REV. NO. / DESCRIPTION / DRAWN BY / APPROVAL / DATE	Registered Professional Engineer — Steven A. Hazel — 18476 — 6/15/06
	38 OF 105 SHEETS	SCI PROJECT # 18476				